

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	36865	(313/498-512 315/169.1,169.3 428/690- 691,917 438/26-29,34,82 257/40,72,98-100,642- 643,759 427/66,532-535,539). ccls. (445/24-25 427/58,64,66).ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 07:47
L2	4865745	@ad<"20040809"	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 07:47
L3	22798	L1 and L2	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 07:47
L4	13029	3 and organic	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 07:47
L5	1143	4 and "445".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 07:48
L6	1033	5 and (rampart bank separat \$4 spacer barrier rib partition dam wall ridge overhang\$4 divider)	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 07:56
L7	448	6 and ((remove ablat\$3 etch \$3) with (electrode conduct\$4 anode cathode))	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 07:57
L8	162	7 and ((remove ablat\$3 etch \$3) with (rampart bank separat\$4 spacer barrier rib partition dam wall ridge overhang\$4 divider))	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 08:01
L9	1084	4 and (445/24,25).ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 08:09
L10	465	9 and ((remove ablat\$3 etch \$3) with (electrode conduct\$4 anode cathode))	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 08:09
L11	159	10 and ((remove ablat\$3 etch \$3) with (rampart bank separat\$4 spacer barrier rib partition dam wall ridge overhang\$4 divider))	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 08:09
L12	37	11 and (((organic OELD OLED).ti.) ((organic OELD OLED).ab.))	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 08:15
L13	64	7 and ((remove) with (rampart bank separat\$4 spacer barrier rib partition dam wall ridge overhang\$4 divider))	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 08:38
L14	36	13 and ((remove) with (electrode conduct\$4 anode cathode))	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 08:38

L15	7	14 and (((organic OLED).ti.) ((organic OLED).ab.))	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 08:39
L16	1395198	(valley groove fissure gap opening furrow gouge rabbet rut excavation dent indentation hollow) with (rampart bank separat\$4 spacer barrier rib partition dam wall ridge overhang\$4 divider)	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 08:48
L17	5658	16 and 1	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 08:49
L18	3586	17 and 2	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 08:49
L19	2027	18 and organic	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 08:49
L20	967	19 and ((remove ablat\$3 etch \$3) with (electrode conduct\$4 anode cathode))	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 08:51
L21	1093	19 and ((remove ablat\$3 etch \$3 radiat\$3) with (electrode conduct\$4 anode cathode))	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 08:51
L22	331	21 and (((organic OLED).ti.) ((organic OLED).ab.))	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 08:52
L23	1319	427/66.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 10:19
L24	787	23 and @ad<"20040809"	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 10:19
L25	256	24 and ((remove ablat\$3 etch \$3 radiat\$3) with (electrode conduct\$4 anode cathode))	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 10:20
L26	210	25 and (organic OLED OLED)	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 10:20
L27	182	26 not 22	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 10:26
L28	11081	430/311-321.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 10:40
L29	8672	28 and @ad<"20040809"	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 10:40
L30	2687	29 and ((remove ablat\$3 etch \$3 radiat\$3) with (electrode conduct\$4 anode cathode))	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 10:41
L31	2672	30 not 22	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 10:41
L32	2678	30 not 11	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 10:41
L33	2664	31 not 11	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 10:42

L34	2654	33 not 25	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 10:42
L35	2664	33 and ((remove ablat\$3 etch \$3 radiat\$3) with (electrode conduct\$4 anode cathode))	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 10:43
L36	1299	35 and organic	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 10:43
L37	48	35 and (OELD OLED (organic near1 electroluminescent))	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 10:45
L38	10	35 not 34	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 11:08
L39	78331	(valley groove fissure gap opening furrow gouge rabbet rut excavation dent indentation hollow) with (rampart bank separat\$4 spacer barrier rib partition dam wall ridge overhang\$4 divider) with (cut remove ablat \$3 etch\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 11:55
L40	40756	39 and @ad<"20040809"	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 11:55
L41	151	40 and (((313/504-512).ccls.) ((445/24,26).ccls.))	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 11:57
L42	1395198	(valley groove fissure gap opening furrow gouge rabbet rut excavation dent indentation hollow) with (rampart bank separat\$4 spacer barrier rib partition dam wall ridge overhang\$4 divider)	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 12:49
L43	750245	42 and @ad<"20040809"	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 12:49
L44	1240	43 and (((313/504-512).ccls.) ((445/24,26).ccls.))	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 12:49
L45	782211	(valley groove fissure gap furrow gouge rabbet rut excavation dent indentation hollow) with (rampart bank separat\$4 spacer barrier rib partition dam wall ridge overhang\$4 divider)	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 12:50
L46	444189	45 and @ad<"20040809"	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 12:50
L47	876	46 and (((313/504-512).ccls.) ((445/24,26).ccls.))	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 12:50
L48	794	47 not 41	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 12:52

L49	613778	(valley groove fissure furrow gouge rabbet rut excavation dent indentation hollow) with (rampart bank separat\$4 spacer barrier rib partition dam wall ridge overhang\$4 divider)	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 12:53
L50	330835	49 and @ad<"20040809"	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 12:54
L51	340	50 and (((313/504-512).ccls.) ((445/24,26).ccls.))	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 12:54
L52	282	51 not 41	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 12:54
L53	288	4 and ((insulat\$4 dielectric) with (valley groove rut indentation fissure rabbet gouge))	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 13:31
L54	259	53 not 52	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 13:32
L55	245	54 not 41	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 13:33
L56	244	55 not 27	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 13:33
L57	47	55 and (OLED OLED (organic near1 electroluminescent))	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 13:50
L58	1	"5804917".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 14:04
L59	102	(Guenther.in. with ewald) (Heuser.in. with karsten) (Wittman.in. with georg)	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 15:41
L60	0	59 and (method manufacturing organic electroluminescent device removing portion second conductive film insulating ribs valley lower electrode).clm.	US-PGPUB; USPAT; USOCR	AND	ON	2008/10/16 15:42
L61	0	(method manufacturing organic electroluminescent device removing portion second conductive film insulating ribs valley lower electrode).clm.	US-PGPUB; USPAT; USOCR	AND	ON	2008/10/16 15:44
L62	0	(method manufacturing organic electroluminescent device removing portion second conductive film insulating ribs valley lower electrode).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/16 15:44

L63	69	organic and (valley groove furrow rabbit gouge furrow rut) with (rampart bank separat\$4 spacer barrier rib partition dam wall ridge overhang\$4 divider) with (remove ablat\$4 etch\$3 laser)	EPO; JPO; DERWENT	OR	ON	2008/10/16 15:47
S1	1	"5804917".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/17 10:33
S2	34855	(313/498-512 315/169.1,169.3 428/690-691,917 438/26-29,34,82 257/40,72,98-100,642-643,759 427/66,532-535,539). ccls. (445/24-25 427/58,64,66).ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/17 10:52
S3	4843413	@ad<"20040809"	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/17 10:56
S4	42552	(OLED OELD electroluminescent)	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/17 10:57
S5	6853	S2 and S3 and S4	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/17 10:57
S6	2329	S5 and laser	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/17 10:57
S7	345	S6 and (electrode) and (laser near40 (conduct\$4 electrode))	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/17 10:59
S8	6	S7 and (laser with remove with electrode)	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/17 10:59
S9	34855	(313/498-512 315/169.1,169.3 428/690-691,917 438/26-29,34,82 257/40,72,98-100,642-643,759 427/66,532-535,539). ccls. (445/24-25 427/58,64,66).ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/17 12:53
S10	4843413	@ad<"20040809"	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/17 12:53
S11	42552	(OLED OELD electroluminescent)	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/17 12:53
S12	6853	S9 and S10 and S11	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/17 12:53
S13	20	S12 and (remove near40 conduct\$4 near40 organic)	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/17 12:53
S14	7	S12 and ((groove trench valley) near2 (organic))	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/17 13:06
S15	610	S12 and ((electrode conduct \$4) with (CVD "vacuum deposition"))	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/17 13:08
S16	12	S12 and (("cross link" "cross-link") with heat\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/17 13:30

S17	0	S12 and (("cross link" "cross-link") near40 heat near40 (insulat\$4 dielectric))	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/17 13:41
S18	0	S12 and (("cross link" "cross-link") near40 electrode near40 (insulat\$4 dielectric))	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/17 13:42
S19	3	S12 and (("cross link" "cross-link") near40 (insulat\$4 dielectric))	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/17 13:43
S20	1	S12 and (("cross link" "cross-link") near40 temperature near40 photo\$1resist)	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/17 14:04
S21	4	S12 and (("cross link" "cross-link") near40 temperature)	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/17 14:05
S22	66	S12 and (photo\$1resist near40 temperature)	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/17 14:07
S23	7	S22 and (cross\$1link)	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/17 14:14
S24	1	"6117529".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/17 14:19
S25	32845	(rib\$1 insulat\$4 dielectric) with Photo\$1resist	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/17 14:26
S26	248	S12 and (rib\$1 insulat\$4 dielectric) with Photo\$1resist	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/17 14:26
S27	14	S26 and (photo\$1resist with heat)	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/17 14:27
S28	2	S26 and ((chamfer bevel round\$3) near40 (rib insulat \$3 dielectric) near40 electrode)	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/17 14:37
S29	0	S24 and (photo\$1resist with heat)	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/17 14:40
S30	0	S24 and ((chamfer bevel round\$3) near40 (rib insulat \$3 dielectric) near40 electrode)	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/17 14:41
S31	46	S12 and (remove near40 (electrode conduct\$3) near40 (insulat\$3 rib dielectric))	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/17 14:52
S32	3141	S12 and (("first electrode" anode) near40 ("second electrode" cathode) near40 organic)	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/17 15:16
S33	24	S12 and ((chamfer bevel round\$3) near40 (rib insulat \$3 dielectric))	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/17 16:35
S34	202	S12 and (remov\$3 near40 (electrode conduct\$3) near40 organic)	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/17 17:04
S35	5	S12 and (remove near3 electrode) and (remove near3 organic)	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/17 17:08

S36	1	S31 and aoki.in.	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/17 18:00
S37	34855	(313/498-512 315/169.1,169.3 428/690- 691,917 438/26-29,34,82 257/40,72,98-100,642- 643,759 427/66,532-535,539). ccls. (445/24-25 427/58,64,66).ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/18 07:38
S38	4843413	@ad< "20040809"	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/18 07:38
S39	42552	(OLED OELD electroluminescent)	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/18 07:38
S40	6853	S37 and S38 and S39	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/18 07:38
S41	610	S40 and ((electrode conduct \$4) with (CVD "vacuum deposition"))	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/18 07:38
S42	452	S41 and @ad< "20030808"	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/18 07:38
S43	240	S40 and ((electrode conduct \$4) near40 remov\$3 near40 (insulat\$4 dielectric rib ridge dam rampart bridge partition spacer barrier))	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/18 07:53
S44	26	S43 and (("U" "U-shape" rounded curved circular chamfer\$3) near40 (rib ridge barrier spacer dam bridge rampart insulat\$4 dielectric))	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/18 07:55
S45	1	"6117529".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/18 08:38

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